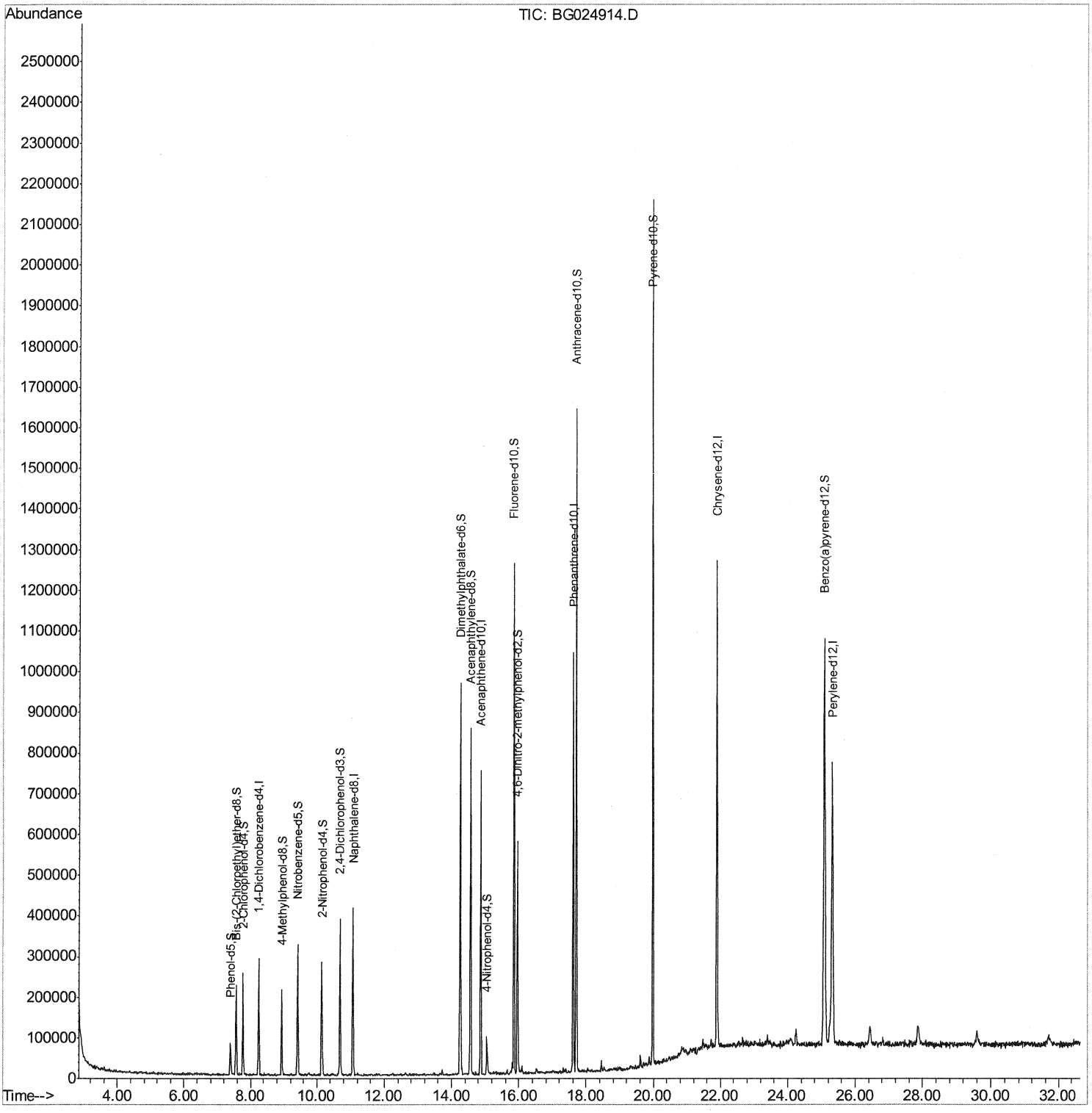
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:25:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WI0

Manual Integrations APPROVED
sohil
11/28/2016 4:48:05 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:12:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WI0

Manual Integrations APPROVED
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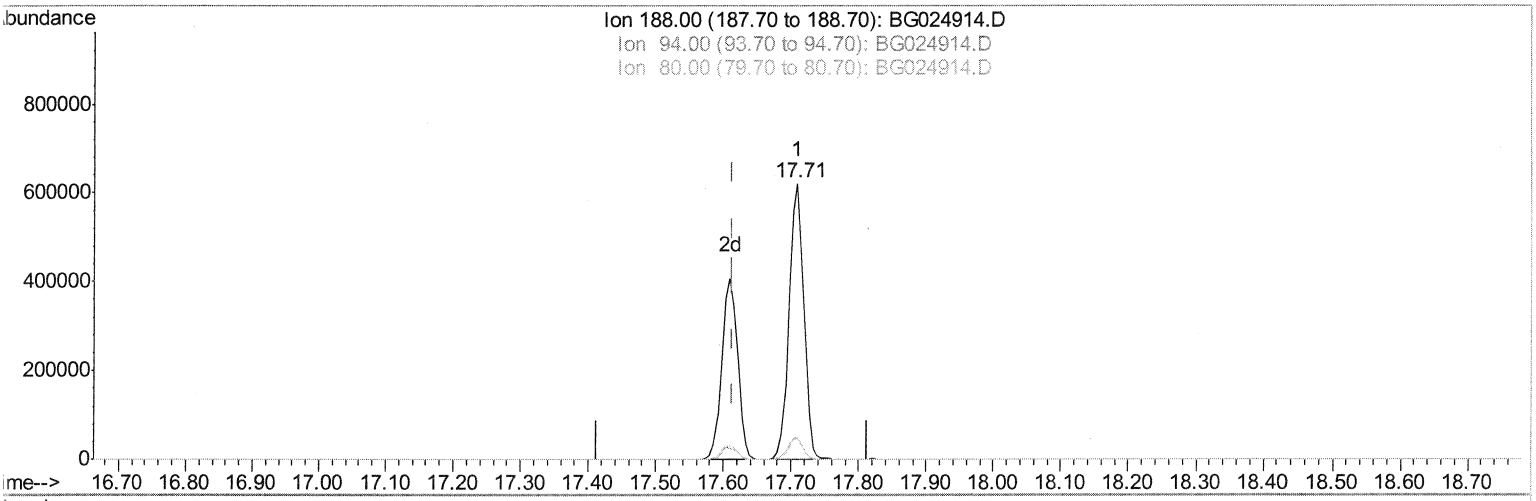
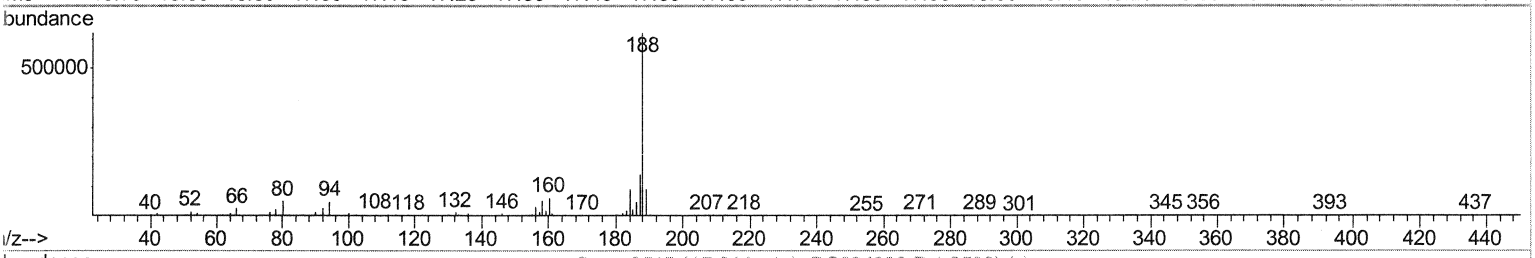
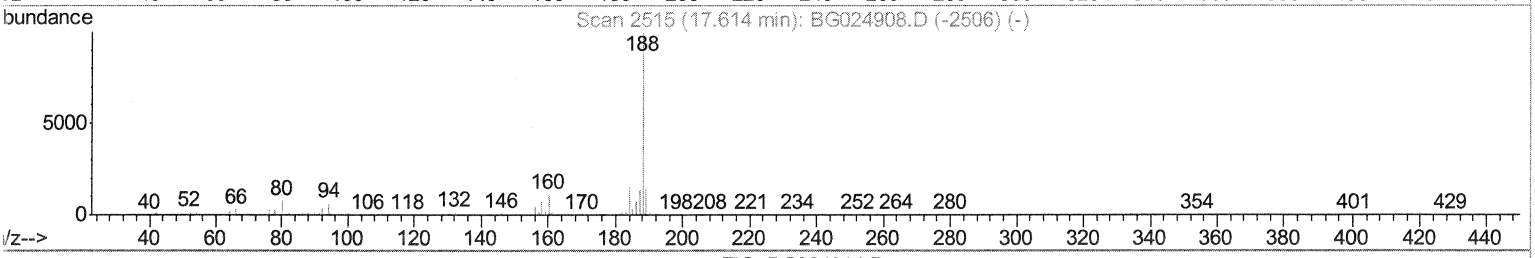






TIC: BG024914.D

(61) Phenanthrene-d10 (I)

17.709min (+0.095) 20.00ng/ul

response 943018

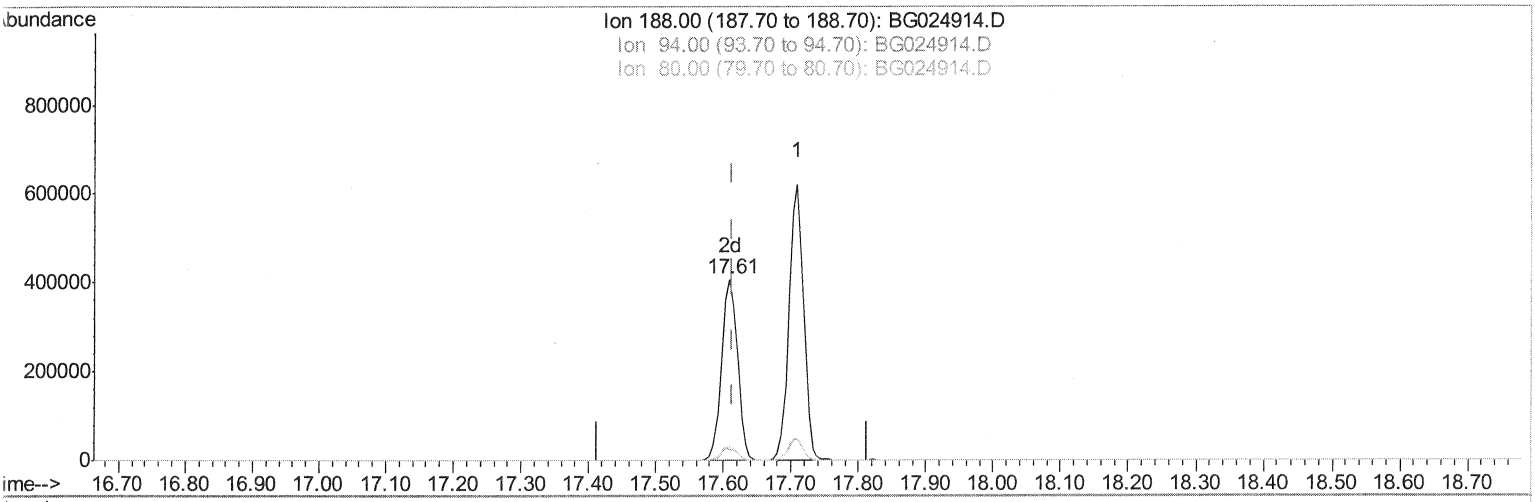
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.62
80.00	9.50	7.98
0.00	0.00	0.00

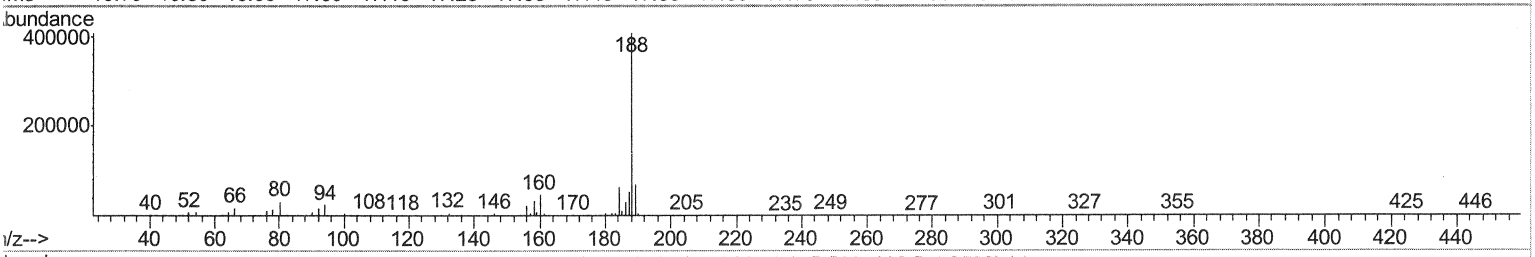
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

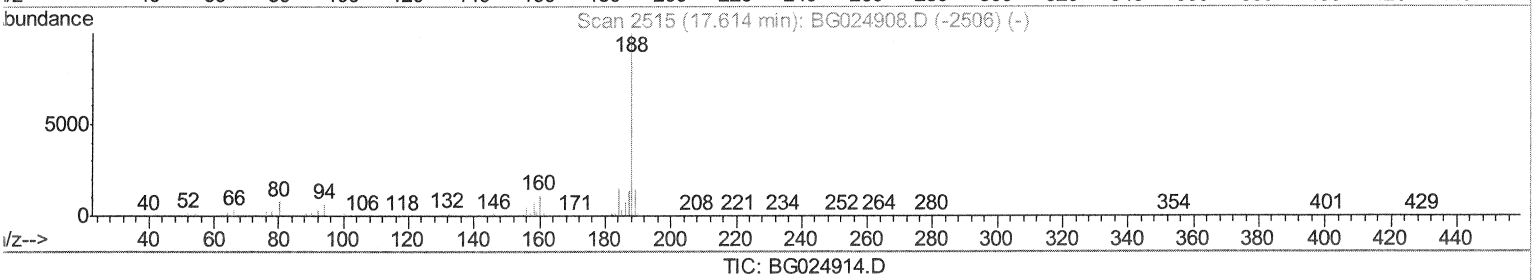
Quant Time: Nov 24 01:12:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WI0

Manual Integrations APPROVED
sohil
11/28/2016 4:48:05 PM







TIC: BG024914.D

(61) Phenanthrene-d10 (I)

17.609min (-0.005) 20.00ng/ul m UM

response 654546 11/28/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.08#
80.00	9.50	7.85
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:25:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WI0

Manual Integrations APPROVED
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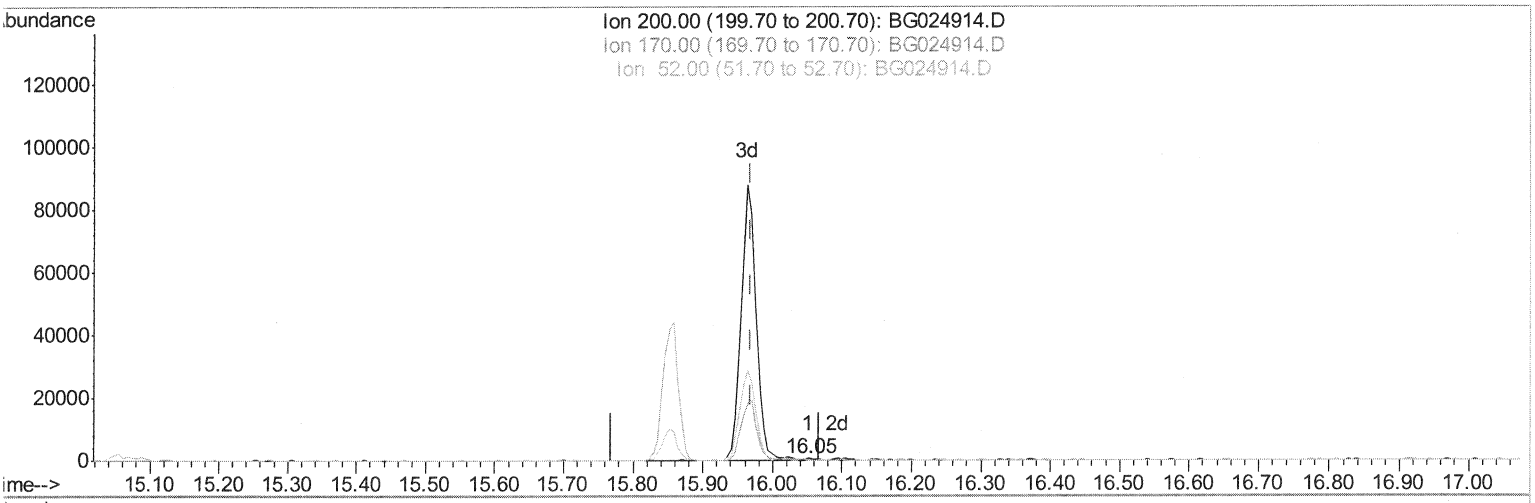
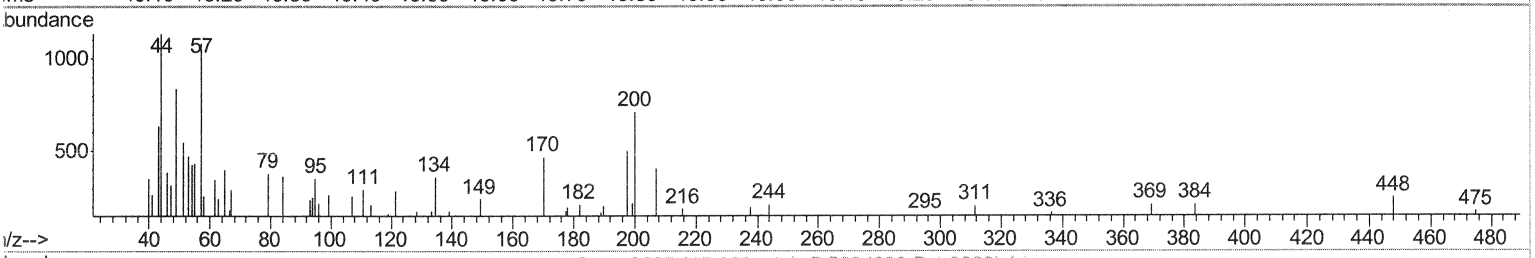
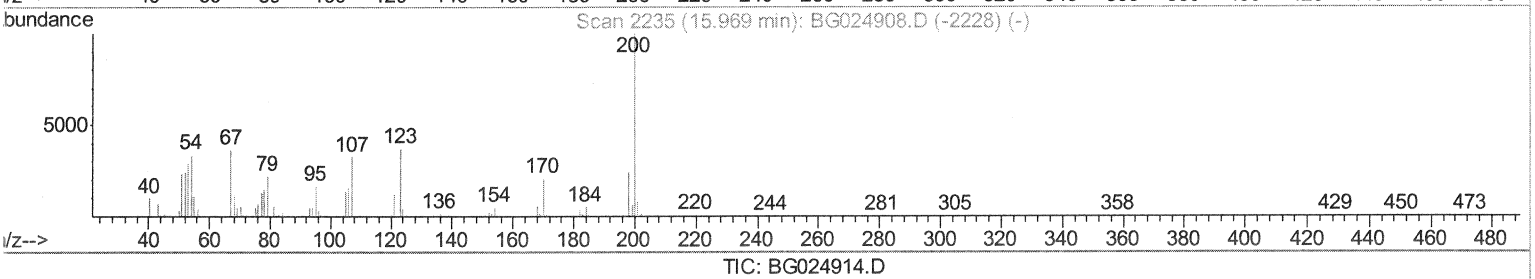






TIC: BG024914.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.052min (+0.083) 0.13ng/ul

response 586

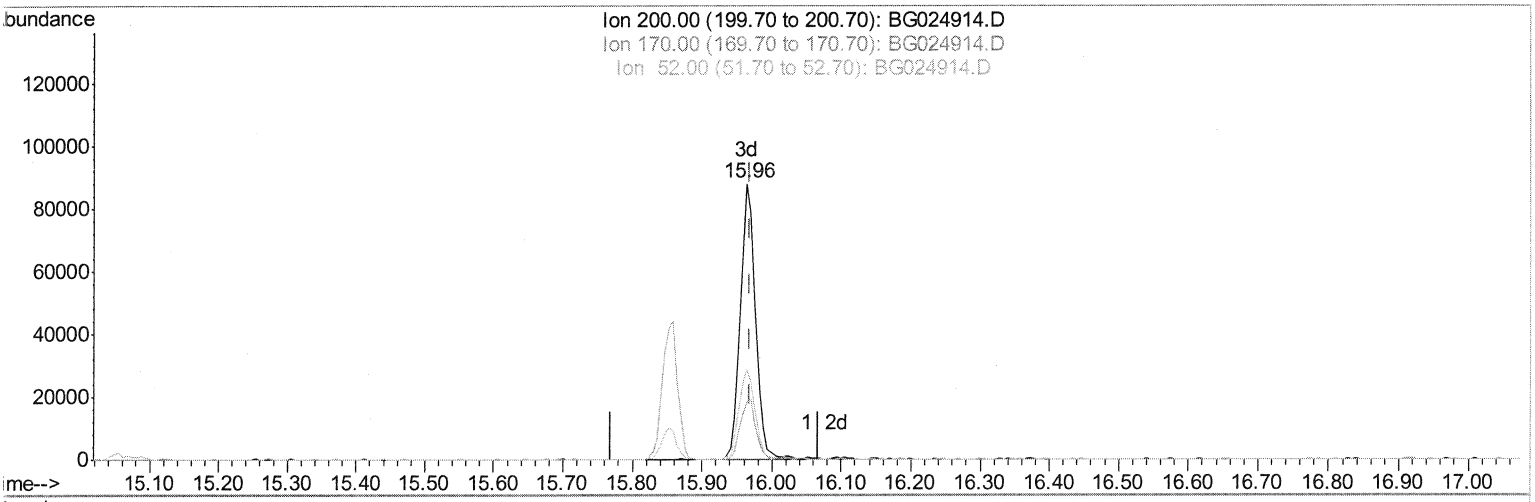
Ion	Exp%	Act%
200.00	100	100
170.00	23.20	65.96#
52.00	47.20	0.00#
0.00	0.00	0.00

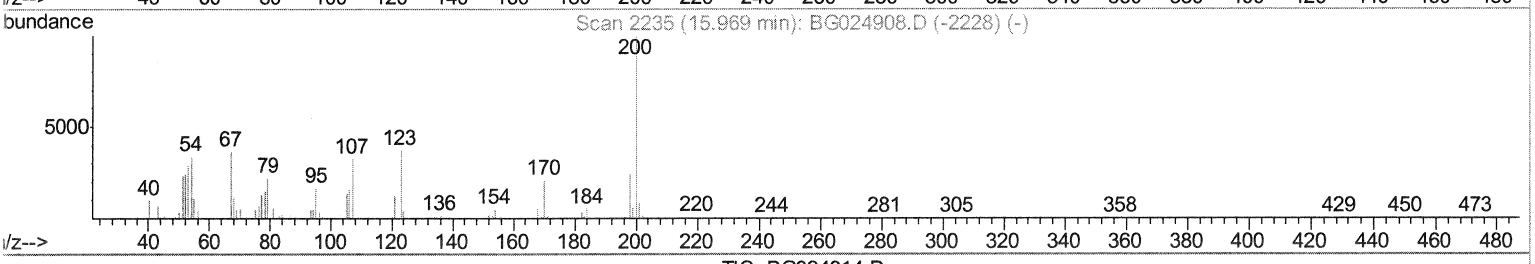
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:25:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WI0

Manual Integrations APPROVED
sohil
11/28/2016 4:48:05 PM





TIC: BG024914.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.964min (-0.005) 28.47ng/ul m

response 132272

UM
11/28/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.36
52.00	47.20	32.65#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024914.D
Acq On : 23 Nov 2016 19:48
Operator : UM/SJ
Sample : H5716-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 01:25:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : A4WI0

Manual Integrations APPROVED
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11/28/2016 4:48:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.25	152	74306	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.08	136	321744	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.87	164	281689	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.61	188	654546m	20.00	ng/ul	0.00	UM
75) Chrysene-d12	21.90	240	852747	20.00	ng/ul	-0.01	11/28/16
83) Perylene-d12	25.32	264	856809	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.61	96	1974	1.26	ng/uL	0.00	
5) Phenol-d5	7.39	99	43707	6.28	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	108734	25.83	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.77	132	104290	21.54	ng/ul	0.00	
13) 4-Methylphenol-d8	8.94	113	79815	13.50	ng/ul	0.00	
19) Nitrobenzene-d5	9.42	128	67881	26.77	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.15	143	77879	26.30	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.69	165	144197	24.12	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.22	131	1808	0.27	ng/ul	0.00	
43) Dimethylphthalate-d6	14.26	166	609774	29.44	ng/ul	0.00	
46) Acenaphthylene-d8	14.57	160	624311	27.40	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.05	143	26781	7.35	ng/ul	0.00	
57) Fluorene-d10	15.85	176	548539	28.64	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.96	200	132272m	28.47	ng/ul	0.00	UM 11/28/16
70) Anthracene-d10	17.71	188	942700	31.66	ng/ul	0.00	
76) Pyrene-d10	19.98	212	1207174	31.79	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.08	264	1252052	32.86	ng/ul	0.00	

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed